

TEST REPORT

CheckCode:591328
Report No.:C202213000551E

Applicant: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

The following sample information was submitted and identified by/on the behalf of the client

Name: Motion Sensor P1
Specifications: MS-S02
Sample State: Normal

Date of Receipt: Dec.27, 2021
Jan.19, 2022
Test Period: Dec.27, 2021 – Jan.6, 2022
Jan.19, 2022 – Jan.21, 2022

Test Request: Selected test(s) as requested by client.

Test Result: Please refer to following page(s).

Result Summary:

Test Request	Conclusion
European Regulation POPs (EU) 2019/1021–Short-chain chlorinated paraffins (SCCPs)	Comply
European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	Comply

Edited by Pan Min Reviewed by Tang Liping Approved by Zheng Xiaojing



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Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date:Jan.21,2022

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Sample description:

Sample No.	Description
1	White plastic shell with grey printing
2	White plastic sheet
3	Off-white plastic cover with grey printing
4	White plastic part
5	Translucent plastic part
6	Off-white plastic shell
7	Black "PCB"
8	Green "PCB"
9	Black body
10	Grey body
11	Dk-brown body
12	Brown body
13	Black body
14	Brown body
15	Black body
16	Brown body
17	Dk-brown body
18	Black plastic part
19	Black body (big)
20	Brown body
21	Black body (3 feet)
22	Brown body
23	Black body (2 feet)
24	Black "PCB"
25	Black plastic part
26	Brown body
27	Yellow body with red-brown printing
28	Dk-brown body
29	Silvery body
30	Black body (big)
31	Black body (small)
32	White plastic shell
33	White adhesive glue
34	White plastic part
35	White plastic part
36	White plastic base

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Sample No.	Description
37	Off-white plastic shell with grey printing
38	Black adhesive plastic sheet
39	Translucent plastic part
40	Grey material
41	White paper sheet with liquid
42	Black material

- Remark:
- 1) mg/kg = ppm
 - 2) MDL= method detection limit
 - 3) "N.D." = Not Detected (Below Method Detection Limit)
 - 4) Results shown are of the total weight of mixed samples.
 - 5) Results shown of No.3, No.12, No.13, No.14 were based on sample resubmitted by 2022-01-19.
 - 6) The performed tests on selected parts of submitted sample(s) as requested by client.

Test Result(s):

1. European Regulation POPs (EU) 2019/1021–Short-chain chlorinated paraffins (SCCPs)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-ECD/NCI-GC/MS.

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		1+2				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		3+12+13				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		4+5+6				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		7+8+9				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		10+11				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		14+15+16				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		17+18				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		19+20+21				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		22+23+24				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		25+26				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		27+31+40				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		28+29+30				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		32+33				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		34+35+36				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		37+38+39				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		41+42				
Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	mg/kg	50	1500	Comply

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2. European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-MS.

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		1+2				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		3+12+13				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		4+5+6				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		7+8+9				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		10+11				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		14+15+16				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		17+18				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		19+20+21				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		22+23+24				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		25+26				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		27+31+40				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		28+29+30				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		32+33				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		34+35+36				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

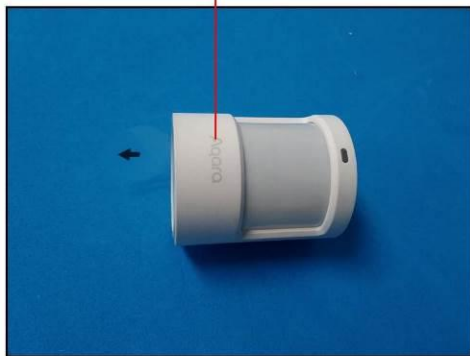
Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		37+38+39				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

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Test Item	CAS No.	Sample	Unit	MDL	Limit	Conclusion
		41+42				
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	mg/kg	10	100	Comply

Photo of Sample



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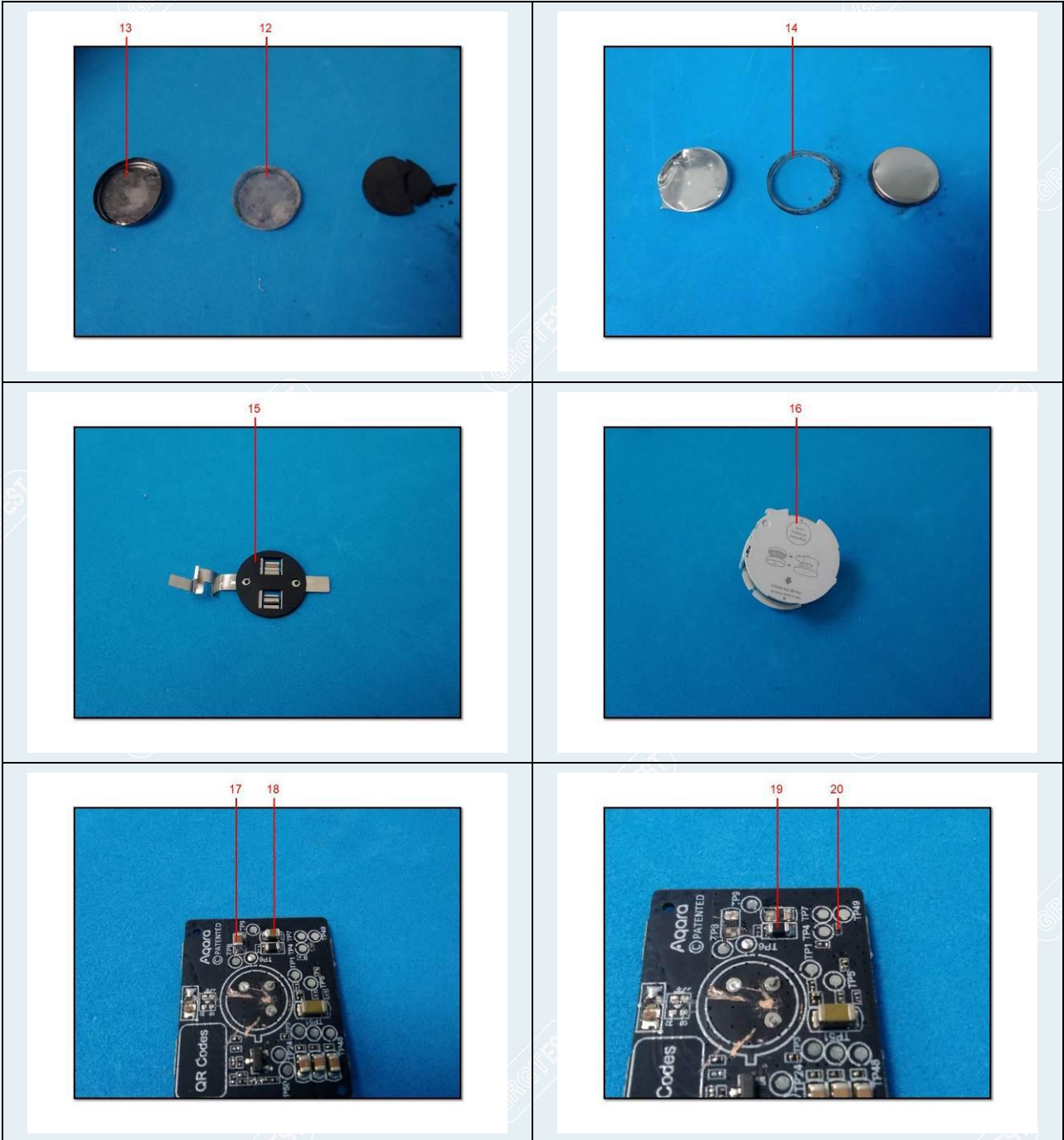
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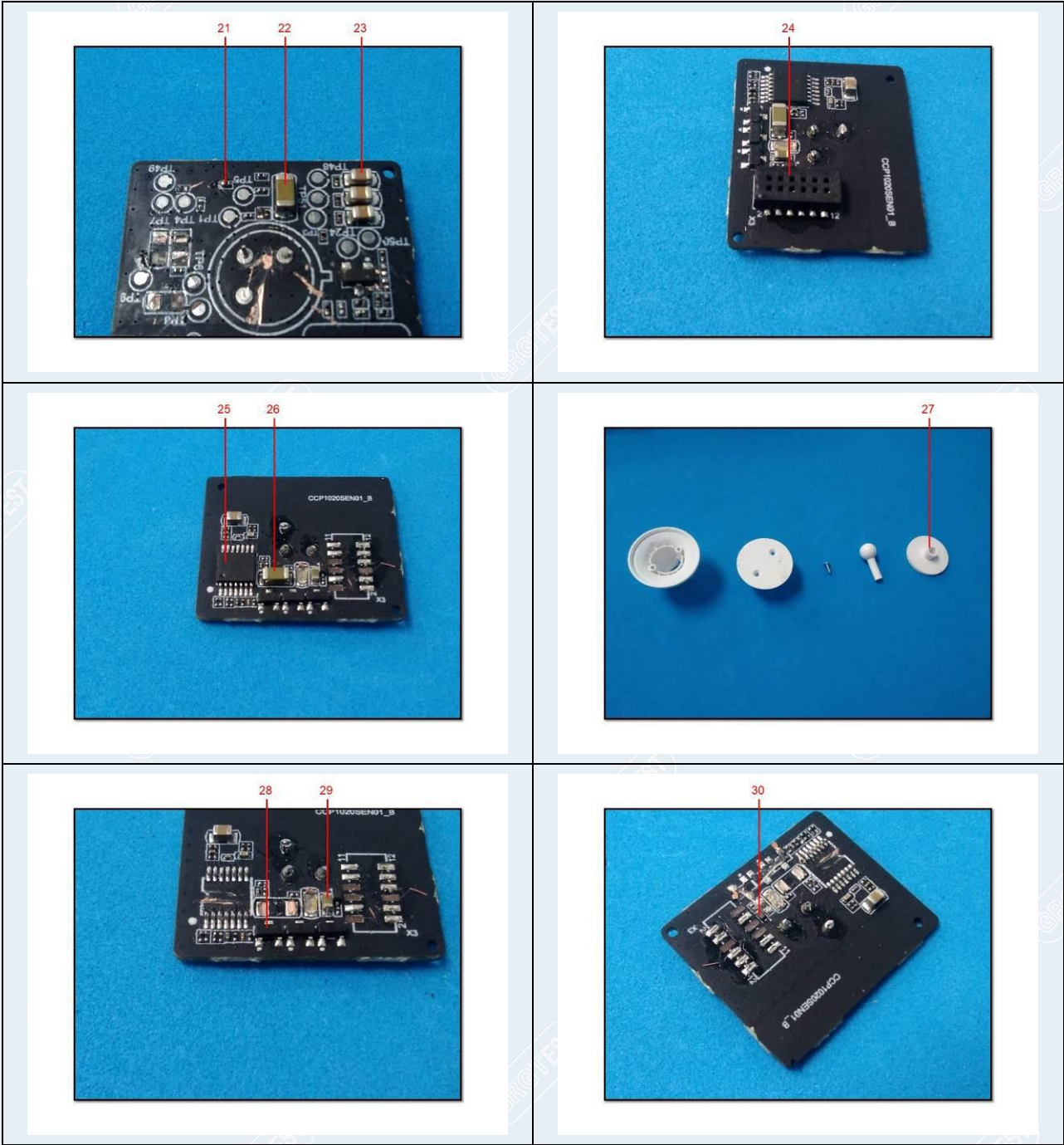
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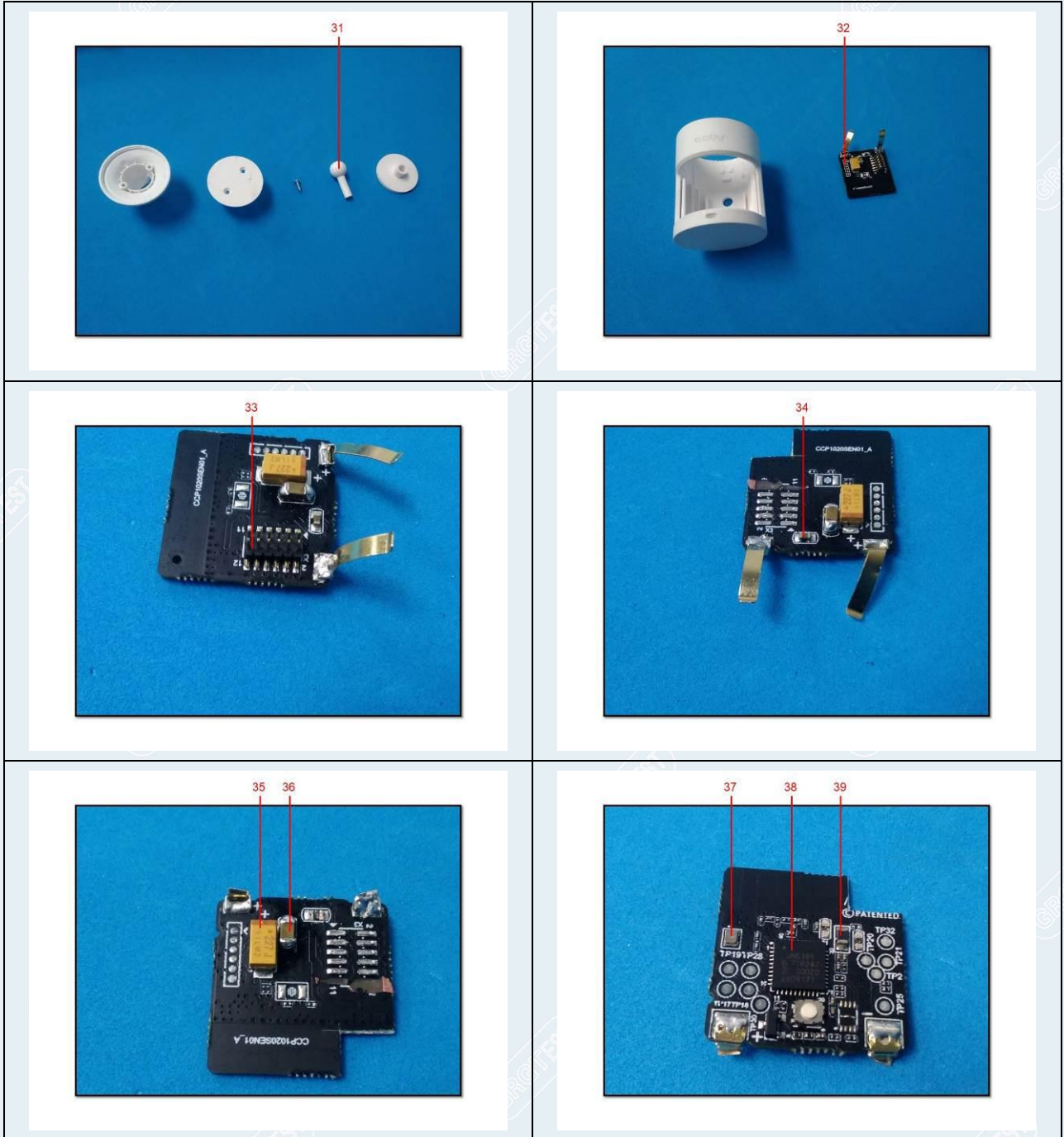
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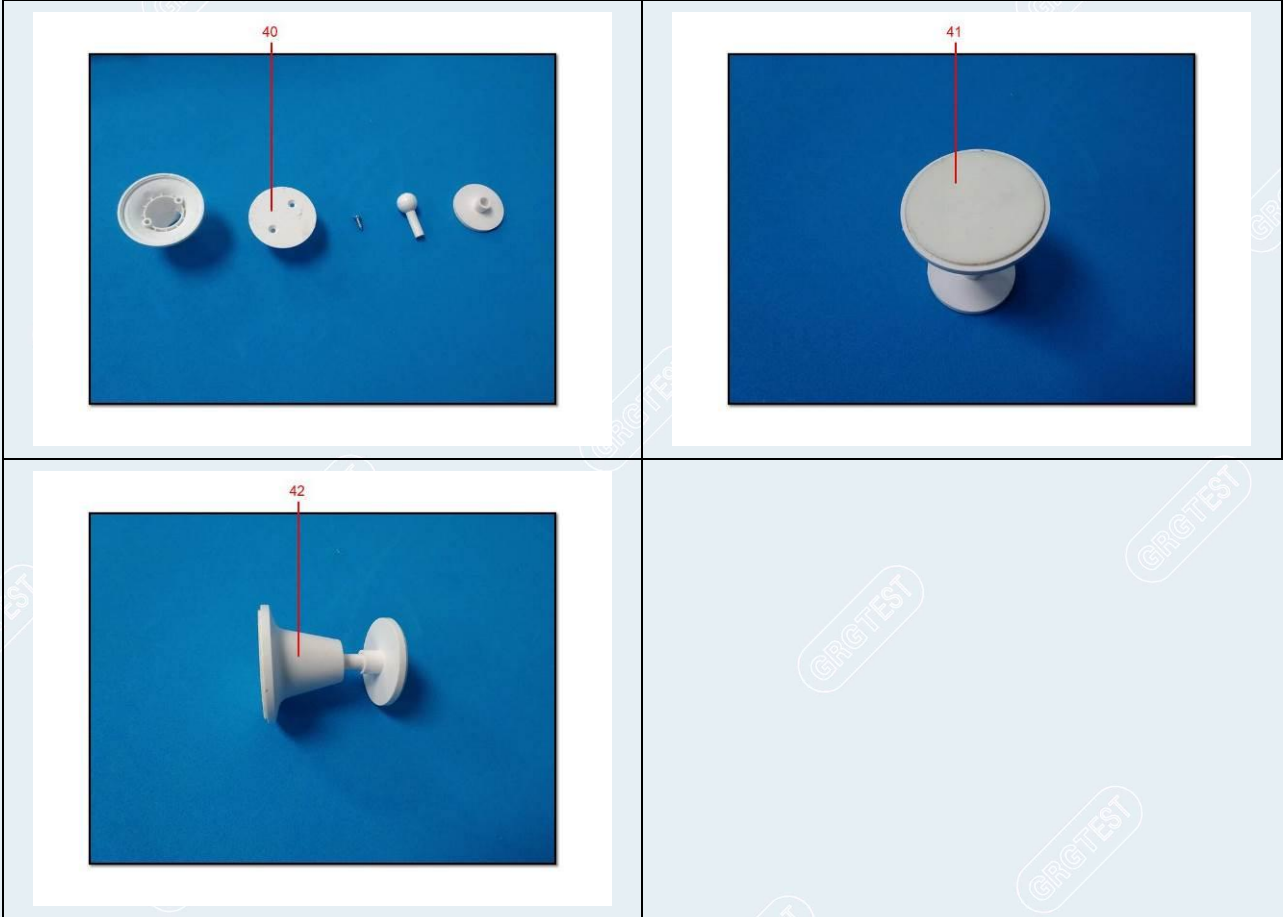
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